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## PATENT ABSTRACTS OF JAPAN

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(71) Applicant: KENWOOD CORP

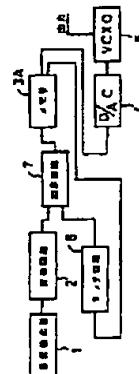
(72) Inventor: ONISHI MASA

**(54) DIGITAL CONTROL TEMPERATURE  
COMPENSATION CRYSTAL OSCILLATOR**

(57) **Abstract:**

PURPOSE: To realize the digital control temperature compensation crystal oscillator in which dispersion of a temperature detector is compensated.

**CONSTITUTION:** An offset address data to compensate dispersion in a temperature detector is stored in a memory 3A, the offset address data is latched in a latch circuit 6 at starting, the offset address data and an address data resulting from converting an output of the temperature detector 1 in a conversion circuit 2 are added by an adder 7, a sum output data is used to access the memory 3A, the temperature compensation data stored in the memory 3A is read, and the read temperature compensation data is D/A-converted by a D/A converter 4, and a D/A conversion output is used for an oscillation frequency control voltage of the voltage control crystal oscillator 5.



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